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AMENDMENT TRANSMITTAL LETTER (Large Entity)		Docket No. DE920000008US1	
Applicant(s): Haller et al.		FEB 26 2004	
Serial No. 09/838,068	Filing Date 04/19/2001	Examiner Patel H.	Group Art Unit 2126

Invention: ACTIVE WINDOW MANAGEMENT FOR REORDER BUFFER

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TO THE COMMISSIONER FOR PATENTS:

MAR 03 2004

Transmitted herewith is an amendment in the above-identified application.

Technology Center 2100

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	14	20 =	0 x	\$18.00	\$0.00
INDEP. CLAIMS	3	3 =	0 x	\$86.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

- ☒ No additional fee is required for amendment.
- ☐ Please charge Deposit Account No. _____ in the amount of _____
- ☐ A check in the amount of _____ to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 09-0463 (IBM)
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Blanche E. Schiller
Signature

Dated: February 23, 2004

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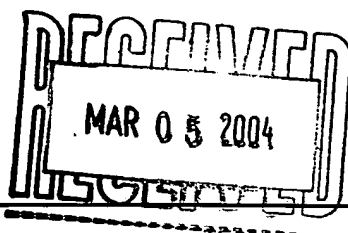
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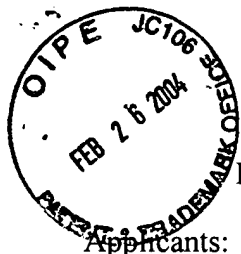
Blanche E. Schiller
Signature of Person Mailing Correspondence

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Typed or Printed Name of Person Mailing Correspondence

CC:





IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Haller et al.

Confirmation No.: 8778

Serial No.: 09/838,068

Group Art Unit: 2126

Filed: 04/19/01

Examiner: Haresh N. Patel

Title: Active Window Management for Reorder Buffer

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 23, 2004.

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Date of Signature: February 23, 2004.

To: Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Statement of Relevance

Dear Sir:

The following Statement of Relevance is submitted with the accompanying Information Disclosure form.

DOCUMENT DESIGNATION	RELEVANCE
AA US 5,740,393	AA discloses a method for enforcing instruction pointer limits in a processor that performs speculative out-of-order instruction execution.
AB US 5,627,984	AB discloses a method and apparatus for allocating vacant entries of a buffer resource that utilizes an internal two-clock-cycle pipeline.
AC US 5,584,038	AC discloses entry allocation in a circular buffer using wrap bits to indicate whether a linear queue of the circular buffer has been traversed.
AD Farrell, et al.	AD discloses issue logic and circuits for a 20-entry

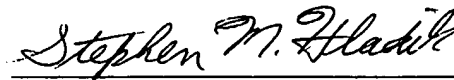
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	instruction queue which scoreboards 80 registers and issues four instructions per cycle in a 600-MHz out-of-order execution microprocessor.
AE Palacharla, et al.	AE discloses a microarchitecture for superscalar processors that puts chains of dependent instructions into queues and issues instructions from multiple queues in parallel.
AF Gaddis, et al.	AF discloses a 56-entry instruction reorder buffer, consisting of a 28-entry instruction reorder buffer for ALU operations and a 28-entry instruction reorder buffer for memory operations, for a speculative-execution RISC CPU.

A full text copy of the art cited, or the pertinent portions thereof, is enclosed. It is respectfully requested that this art be considered by the Examiner in the above-entitled application and made of record therein. The information provided and reference enclosed herewith shall not be construed as a representation that a search has been made or that no other art than that identified exists.

Should the Examiner wish to discuss this case with applicants' attorney, please contact applicants' attorney at the below listed number.

Respectfully submitted,



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Dated: February 23, 2004.

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